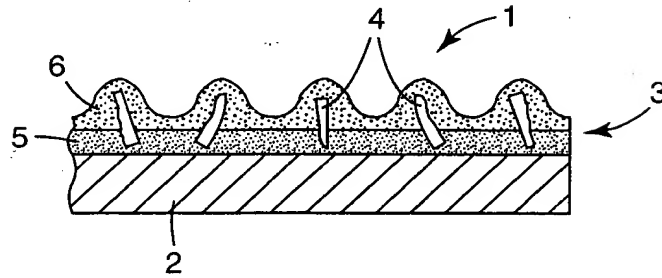


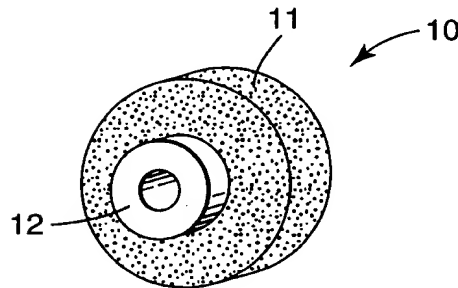


First Named Inventor: Kosentilanz, Anatoly Z.  
Application No.: 09/618876  
Title:  $\text{Er A12O3-Y2O3-ZrO2}$  EUTECTIC ABRASIVE  
ARTICLES, ABRASIVE ARTICLES, AND METHOD  
MAKING AND USING THE SAME

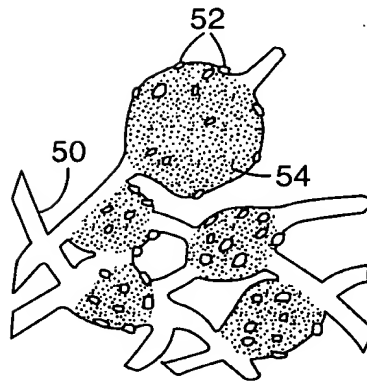
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**Fig. 1**



**Fig. 2**



**Fig. 3**

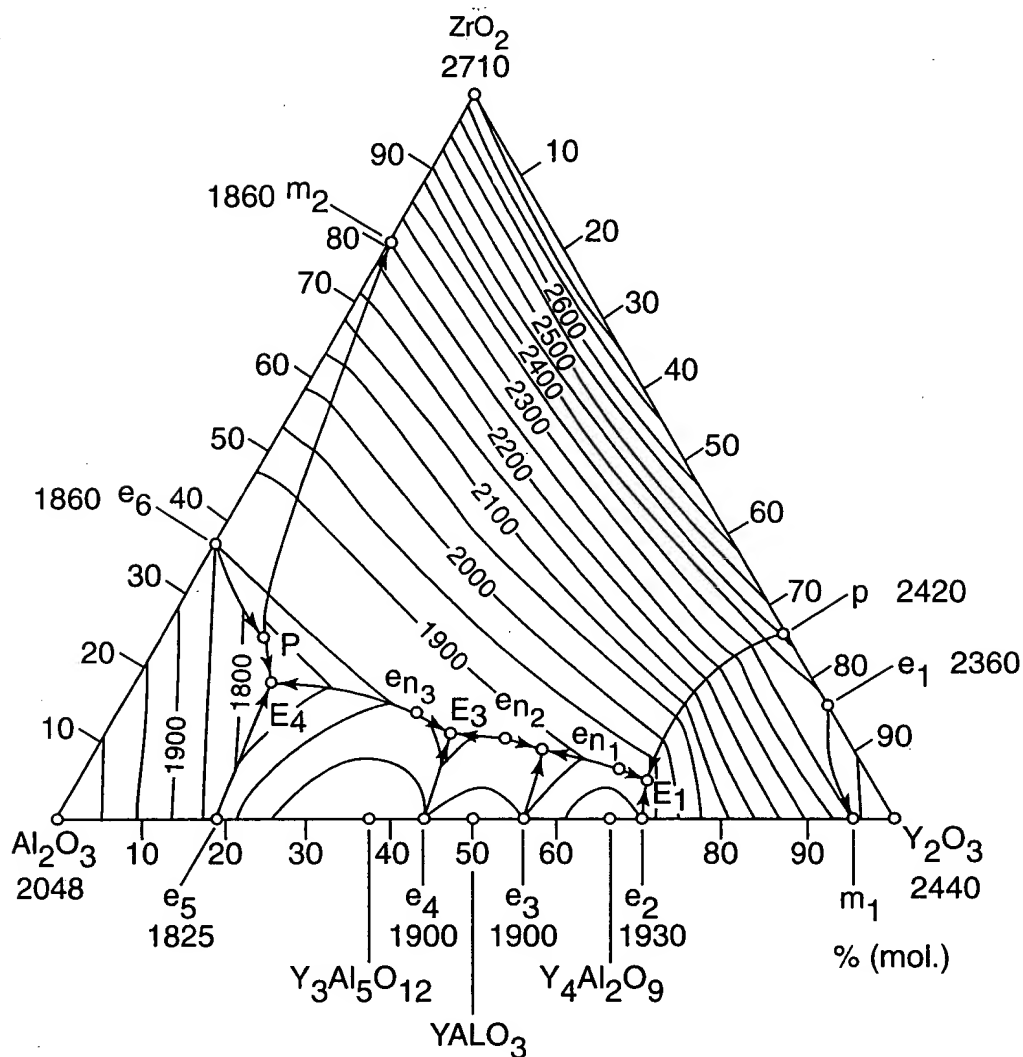
APPROVED	O.C. FIG.
BY	DATE
DRAFTSMAN	



First Named Inventor: Rosentflanz, Anatoly Z.  
 Application No.: 09/618876  
 Title: Y-TZP USED  $\text{Al}_2\text{O}_3$ - $\text{Y}_2\text{O}_3$ - $\text{ZrO}_2$  EUTECTIC ABRA- SIVE  
 ARTICLES, ABRASIVE ARTICLES, AND METHOD OF MAKING AND USING THE SAME

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O.G. FIG	CLASS	SUBCLASS
APPROVED	BY	DRAFTSMAN



**Fig. 4**



First Named Inventor: Rosenflanz, Anatoly Z.  
App. No.: 09/618876  
Title: USE OF A12O3-Y2O3-ZRO2 EUTECTIC ABF VE  
ARTICLES, ABRASIVE ARTICLES, AND METHODS OF  
MAKING AND USING THE SAME

3/13

FIG. 5	CLASS	SUBCLASS
DRAFT		

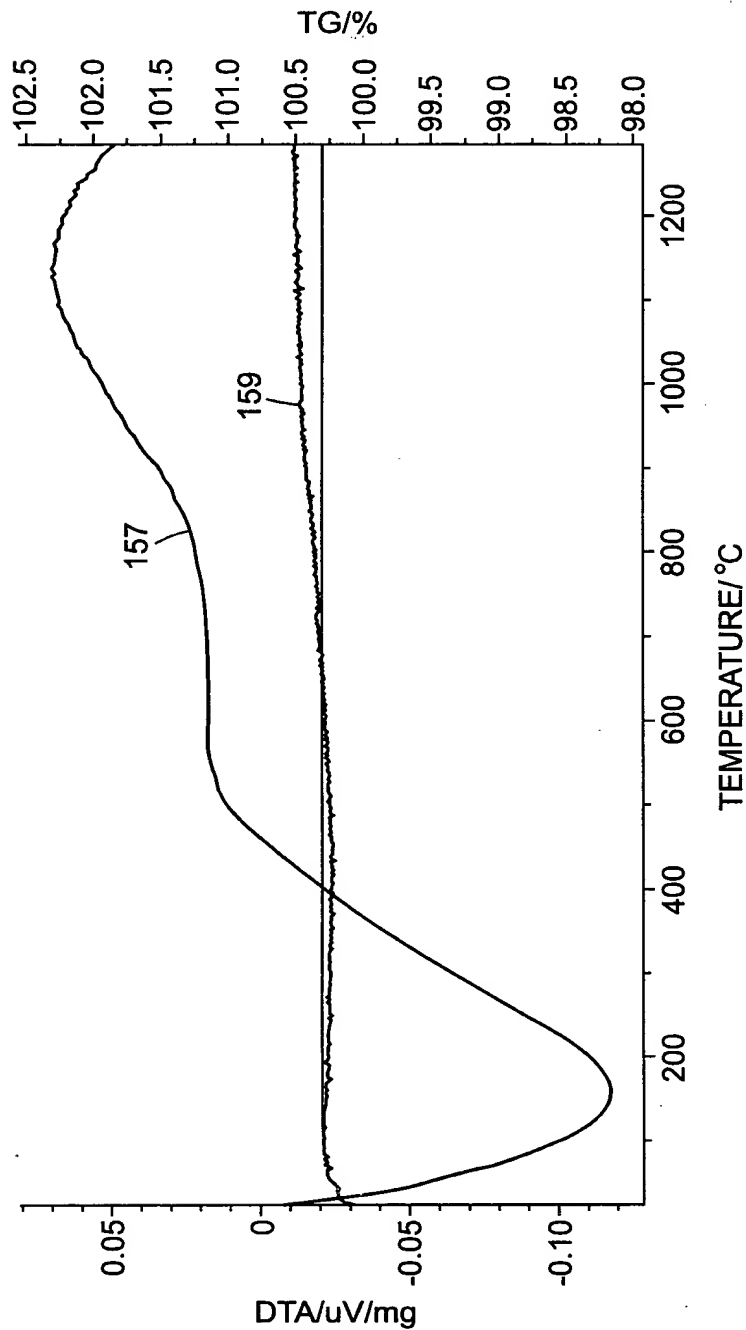


Fig. 5



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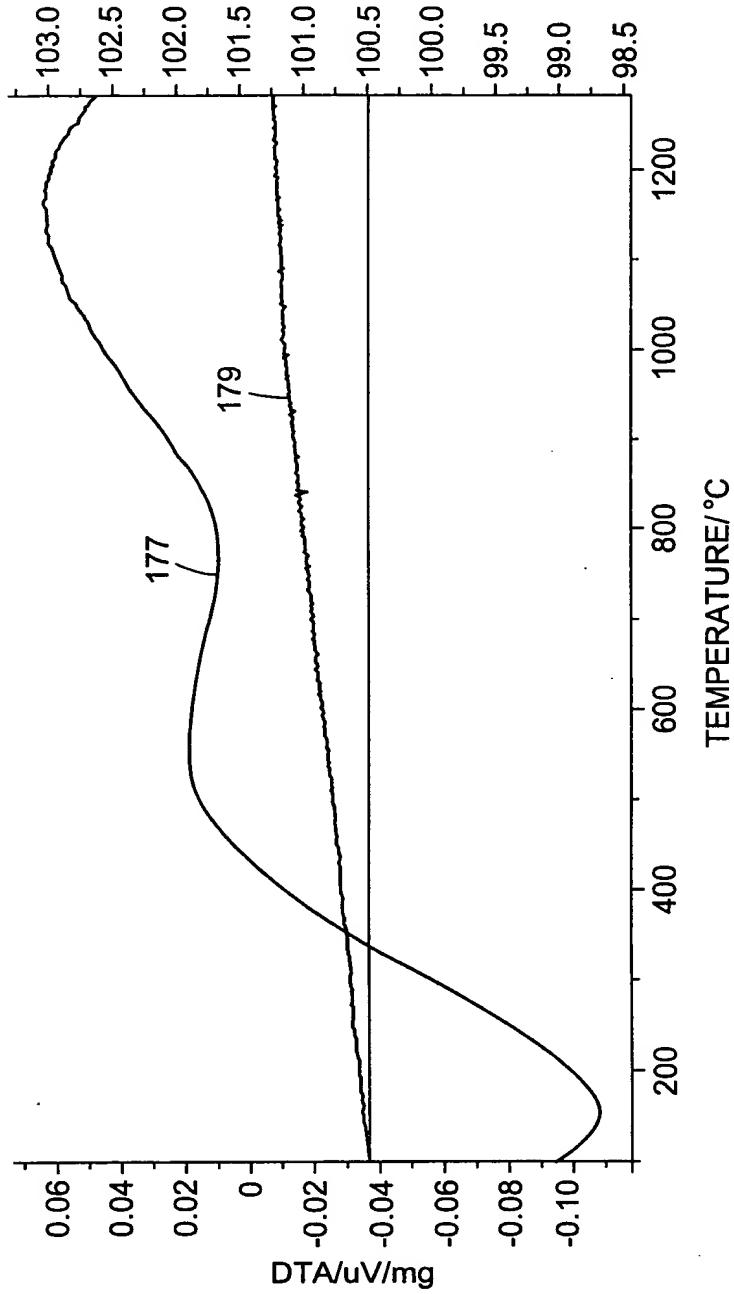


Fig. 6

FIG.	179
CLASS.	179
DRAFTSMAN	179

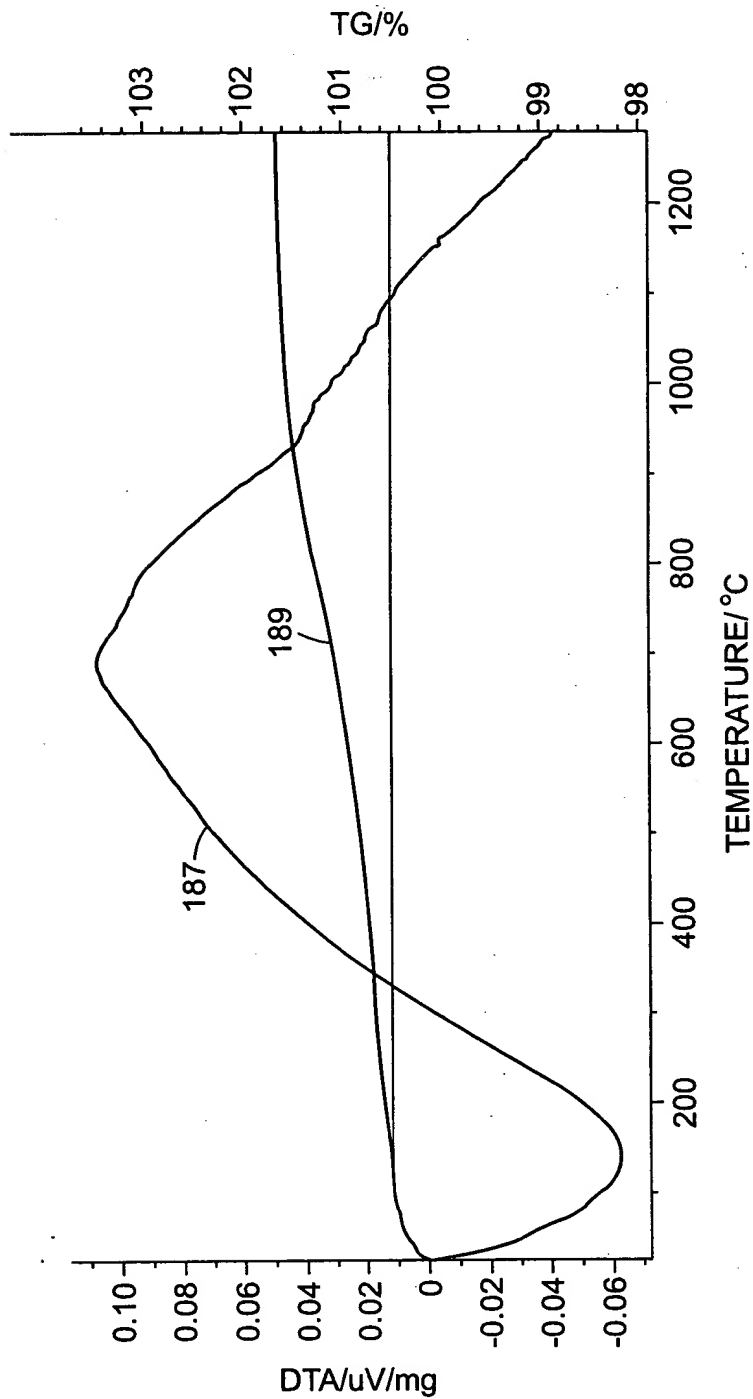


First Named Inventor: Rosenblanz, Anatoly Z.

App. No.: 09/618876

Title: USED  $\text{Al}_2\text{O}_3$ - $\text{Y}_2\text{O}_3$ - $\text{ZrO}_2$  EUTECTIC AB  
ARTICLES, ABRASIVE ARTICLES, AND METHODS OF  
MAKING AND USING THE SAME

5/13



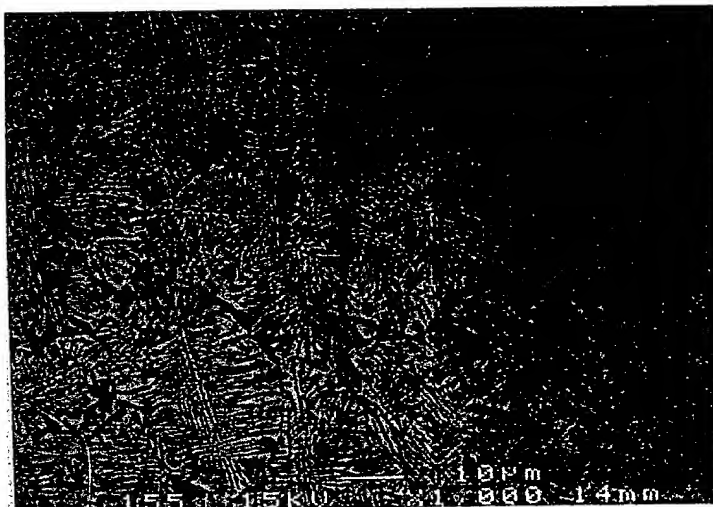
**Fig. 7**



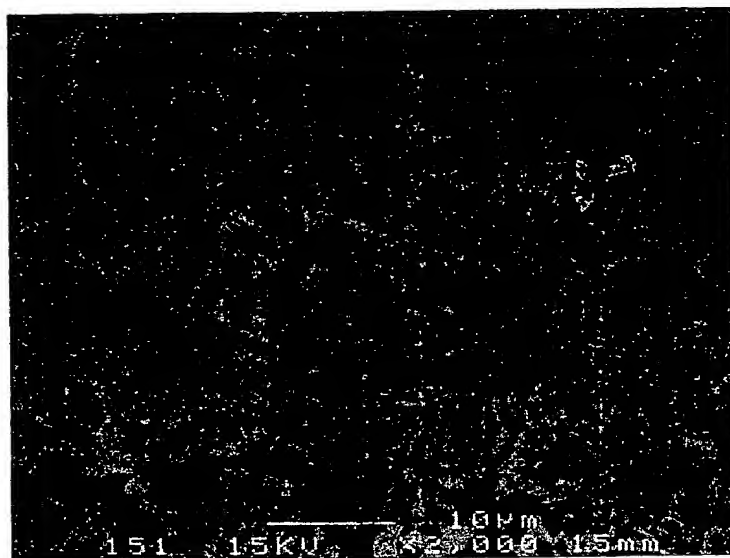
First Named Inventor: Rosenflanz, Anatoly Z.  
Application No.: 09/618876  
FUSED  $\text{Al}_2\text{O}_3$ - $\text{Y}_2\text{O}_3$ - $\text{ZrO}_2$  EUTECTIC ABRASIVE  
ARTICLES, ABRASIVE ARTICLES, AND METHODS OF  
MAKING AND USING THE SAME

6/13

APPROVED	OG. FIG.	CLASS	SUBCLASS
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*Fig. 8*



*Fig. 9*

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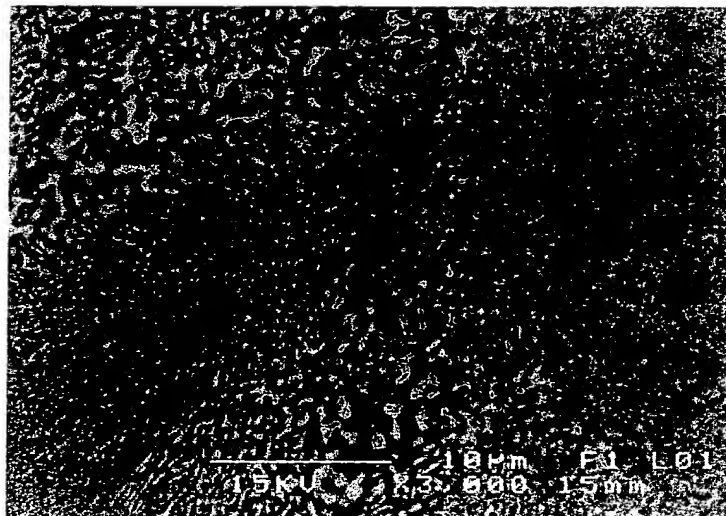
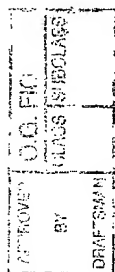
First Named Inventor: Rosenflanz, Anatoly Z.

Application No.: 09/618876

Title: FUSED  $\text{Al}_2\text{O}_3$ - $\text{Y}_2\text{O}_3$ - $\text{ZrO}_2$  EUTECTIC ABRASIVE  
ARTICLES, ABRASIVE ARTICLES, AND METHODS OF  
MAKING AND USING THE SAME

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*Fig. 10*



*Fig. 11*



First Named Inventor: Rosenflanz, Anatoly Z.

Application No.: 09/618876

Subject: FUSED  $\text{Al}_2\text{O}_3$ - $\text{Y}_2\text{O}_3$ - $\text{ZrO}_2$  EUTECTIC ABRASIVE  
ARTICLES, ABRASIVE ARTICLES, AND METHODS OF  
MAKING AND USING THE SAME

8/13

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APPROVED	O.G. FIG.	CLASS	SUBCLASS
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*Fig. 12*



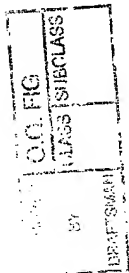
*Fig. 13*



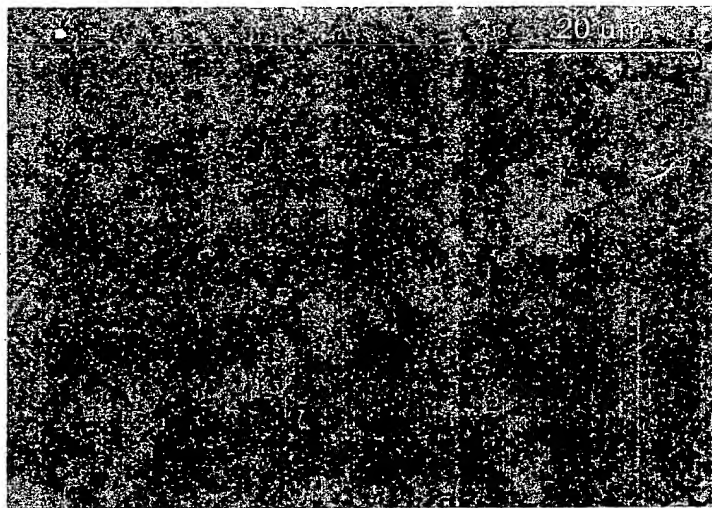


First Named Inventor: Rosenflanz, Anatoly Z.  
Application No.: 09/618876  
Title: FUSED  $\text{Al}_2\text{O}_3$ - $\text{Y}_2\text{O}_3$ - $\text{ZrO}_2$  EUTECTIC ABRASIVE  
ARTICLES, ABRASIVE ARTICLES, AND METHODS OF  
MAKING AND USING THE SAME

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*Fig. 14*



*Fig. 15*

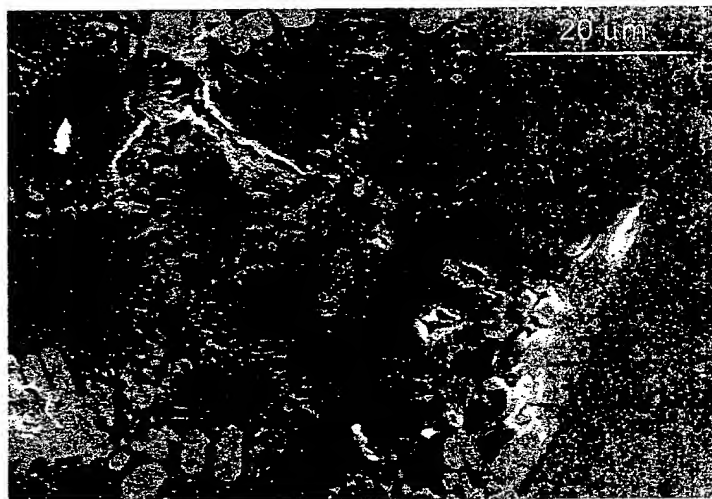
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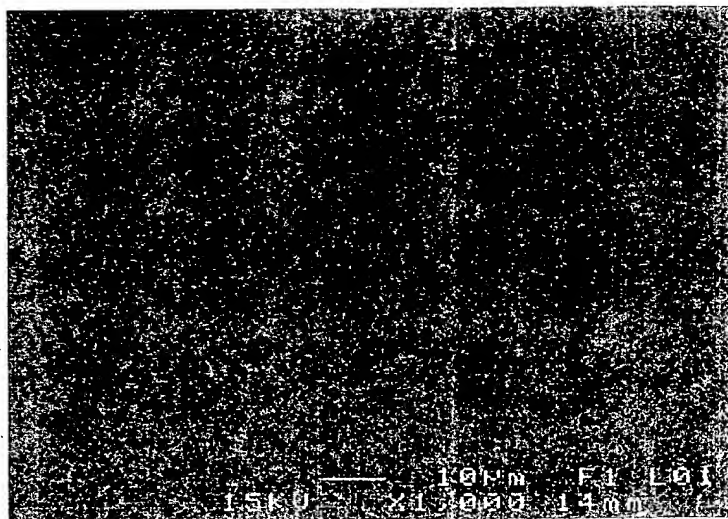
First Named Inventor: Rosenflanz, Anatoly Z.  
Application No.: 09/618876  
Title: FUSED  $\text{Al}_2\text{O}_3$ - $\text{Y}_2\text{O}_3$ - $\text{ZrO}_2$  EUTECTIC BRASIVE  
ARTICLES, ABRASIVE ARTICLES, AND METHODS OF  
MAKING AND USING THE SAME

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APPROVE	O.C. FIG.	CLASS / SUBCLASS
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DRAWN		



*Fig. 16*



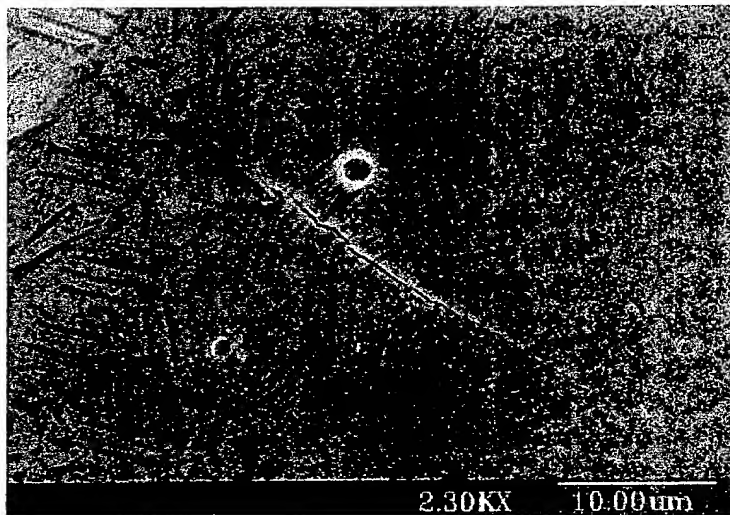
*Fig. 17*

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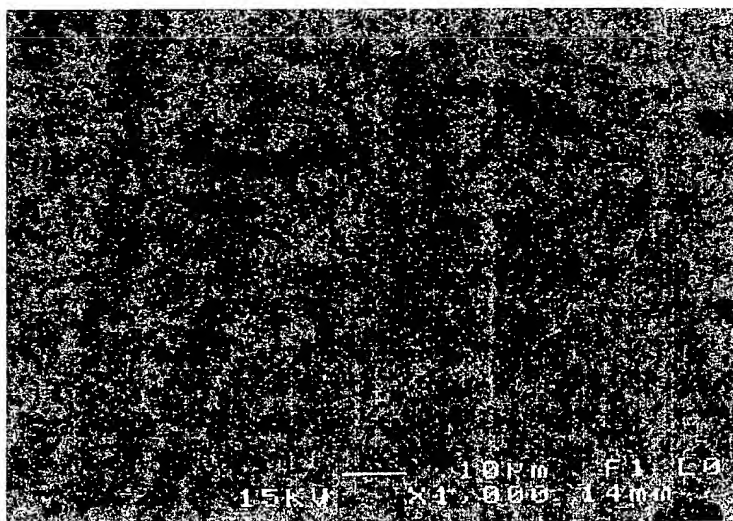


First Named Inventor: Rosenflanz, Anatoly Z.  
Application No.: 09/618876  
Title: FUSED  $\text{Al}_2\text{O}_3$ - $\text{Y}_2\text{O}_3$ - $\text{ZrO}_2$  EUTEC ABRASIVE  
ARTICLES, ABRASIVE ARTICLES, AND METHODS OF  
MAKING AND USING THE SAME

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*Fig. 18*



*Fig. 19*

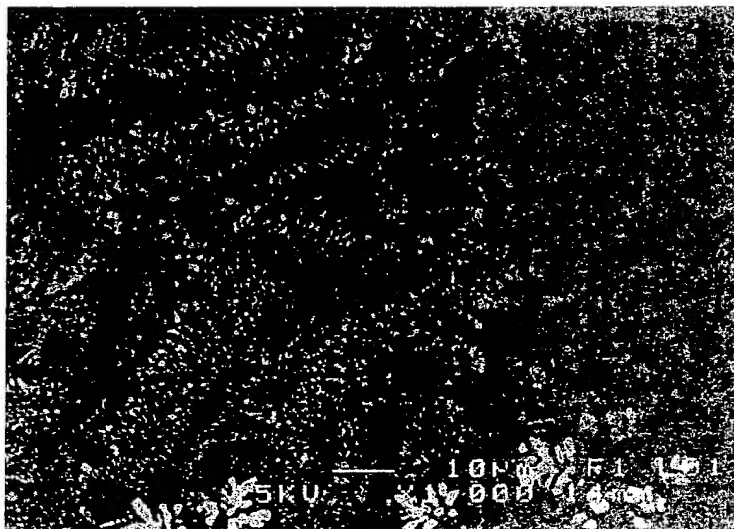
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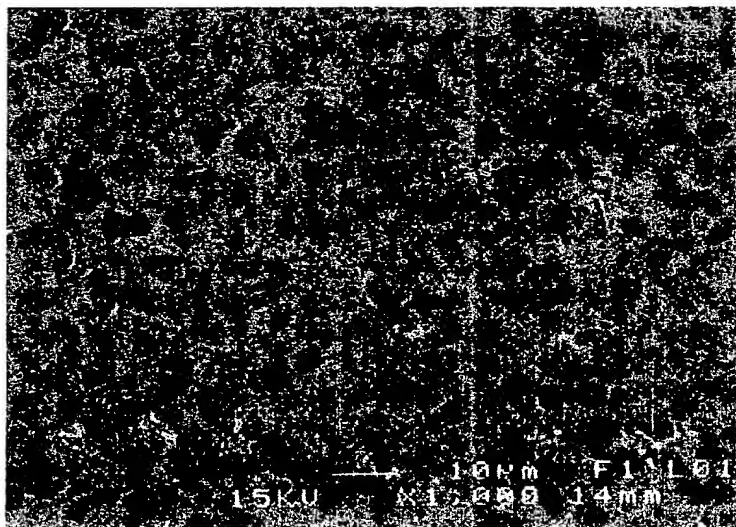
First Named Inventor: Rosenflanz, Anatoly Z.  
Application No.: 09/618876  
Title: FUSED  $\text{Al}_2\text{O}_3$ - $\text{Y}_2\text{O}_3$ - $\text{ZrO}_2$  EUT IC ABRASIVE  
ARTICLES, ABRASIVE ARTICLES, AND METHODS OF  
MAKING AND USING THE SAME

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FIG. 20	CLASS (SUBCLASS)
BY	DR. J. G. H. H.



*Fig. 20*



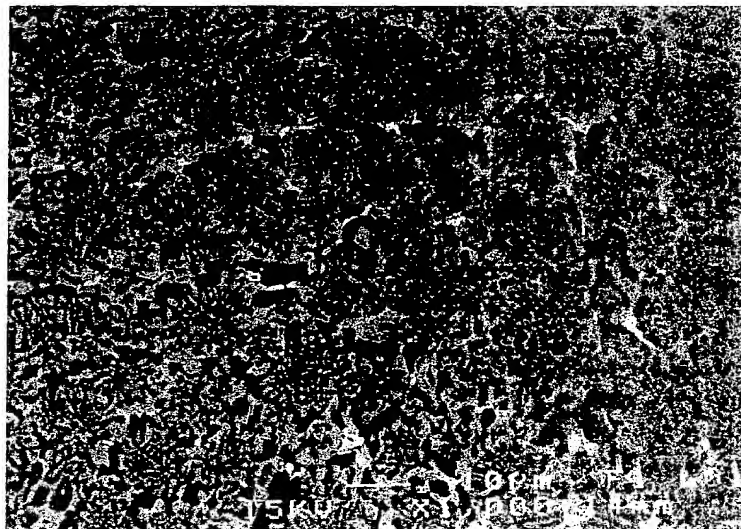
*Fig. 21*

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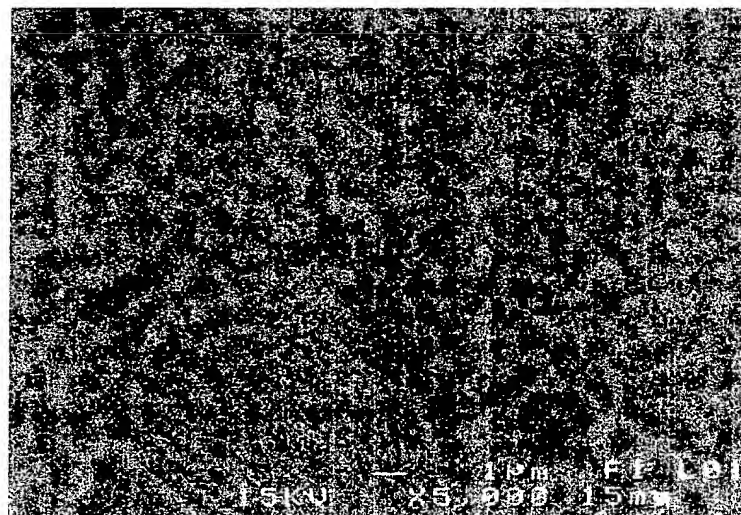


First Named Inventor: Rosenflanz, Anatoly Z.  
Application No.: 09/618876  
Title: FUSED A12O3-Y2O3-ZRO2 EUTEC ABRASIVE  
ARTICLES, ABRASIVE ARTICLES, AND METHODS OF  
MAKING AND USING THE SAME

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**Fig. 22**



**Fig. 23**

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